

M 5.3, 161 km SW of Mazatlán, Mexico

Origin Time: 2020-11-13 19:04:13 UTC (Fri 12:04:13 local)

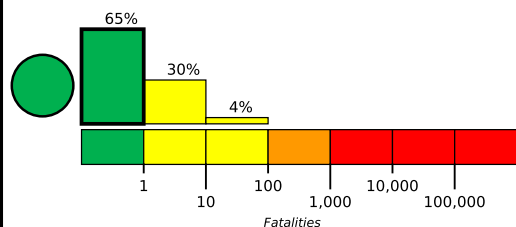
Location: 22.3605° N 107.6652° W Depth: 10.0 km

PAGER
Version 5

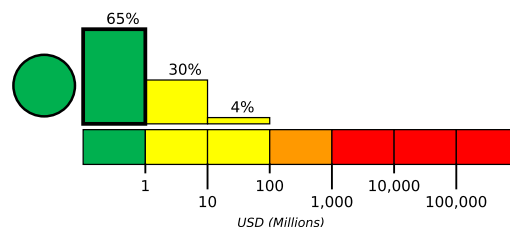
Created: 1 day, 0 hours after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



Estimated Economic Losses

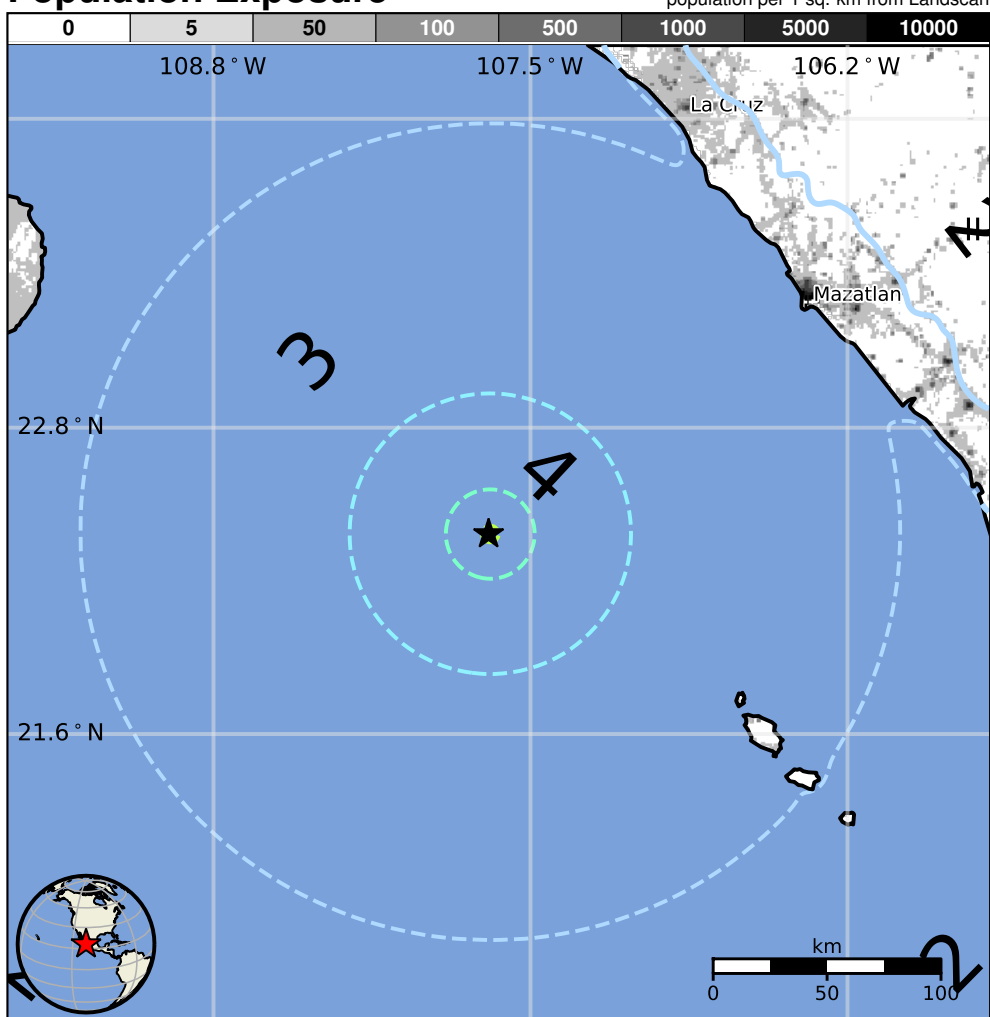


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	779k	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are mud wall and adobe block with concrete bond beam construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1997-05-01	390	6.9	IV(928k)	—
1990-03-16	308	6.1	V(534k)	—
1995-06-30	354	5.7	VI(170k)	—

Selected City Exposure

from GeoNames.org

MMI	City	Population
III	Mazatlán	355k
III	Los Pozos	1k
III	Villa Union	14k
III	Empaque Tarriba	1k
III	Fraccionamiento los Angeles	6k
III	El Pozole	2k
III	Isla del Bosque	6k
III	Escuinapa de Hidalgo	28k
III	Concordia	8k
III	La Cruz	16k
II	Tayoltita	5k

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us7000celp#pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000celp